Dynascope® VS8

VS8 Stereo Dynascope®

INSPECTION STATION

for Printed Circuit Boards, including Fine Pitch, Surface Mount, TAB & BGA technology.

- **Increased operator throughput**
- **Improved fault detection**
- **Reduced scrap rates**
- **Superb resolution and contrast**
- **High magnification**
- **Switchable angled view**
- **Comfortable use while wearing glasses, contact lenses etc.**

VS8 Stereo Dynascope® is the latest version of Vision Engineering's world leading PCB inspection technology.

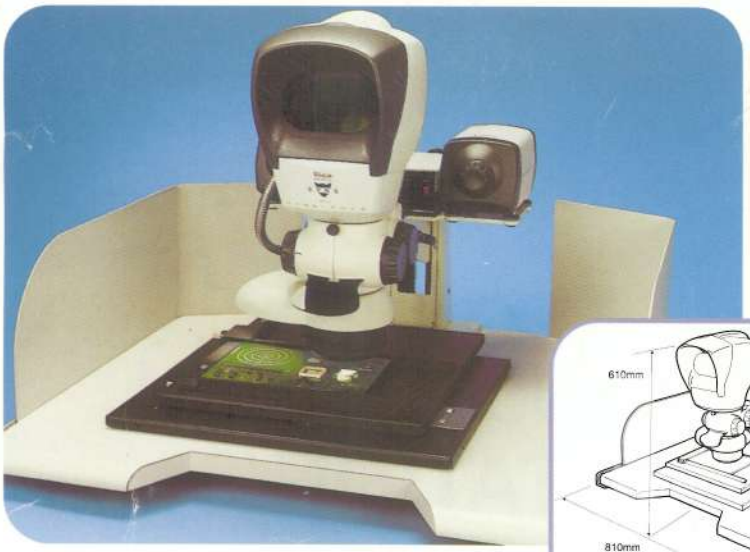
Stereo Dynascopes are in use in tens of thousands of PCB manufacturing sites worldwide.

VS8 incorporates Vision Engineering's patented LYNX® eyepieceless stereo microscope or the COBRA® high magnification Expanded Pupil Microscope.

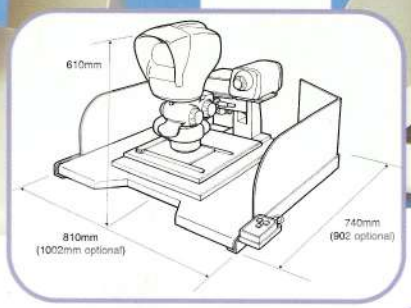
Both systems provide maximum ergonomics to increase operator efficiency.

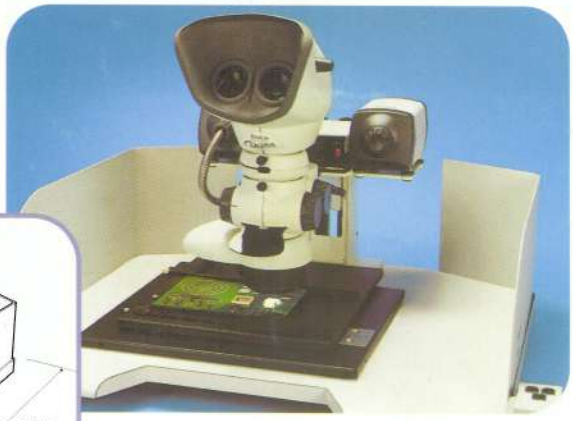
OPTIONS AND CAPABILITIES:

Direct View High Magnification Angled View Option
Rotation Angled View Static Safe & Earthed Double Sided PCB Welding



VS8 Scanning Systems with
L Y N X® Eyepieceless Head.





VS8 Scanning System with
COBRA® Expanded Pupil Head.

		Board Capacity	Viewing Area	Weight
			Unpacked	Packed
Standard	310mm x 310mm	300mm x 250mm	38.5kg (max)	52.5kg (max)
Large	460mm x 250mm	450mm x 250mm	54kg (max)	73.5kg (max)

Optical
- Lynx® Dynascope afocal stereo zoom eyepieceless microscope providing 26.4° field angle and maximum head and body freedom.
- Cobra® Expanded Pupil providing head and body freedom combined with higher magnification.

Zoom Magnification
- 6-40x basic zoom range increased by multipliers (see chart below for magnifications).
- Zoom Ratio 6.6:1.
- Secondary Multipliers 1x, 1.5x, 2.0x.

Stands
- Stable, static safe scanning stand.
- Earthing point.
- Free floating, quick release PCB holder : Lockable.
- Double sided PCB holder.
- Anti-glare sidescreens.
- 2 stage sizes.

Illumination
- 250w/24v Halogen Ringlight fixed to 34° rotating oblique and direct viewer (60 hour life, low cost lamp).

Oblique and Direct Viewer
- 34° from vertical rotating viewer, giving angled view of components.
- Swing out for direct view.
- Viewer available as manual fingertip control.
- Viewer available with motorised rotation; motorised swing out, variable speed and remote control.

Accessories
- Vertical or crossline measuring reticule and calibration ring.
- Camera adaptors for digital cameras, CCTV, 35mm, Polaroid, archiving software.

* 21916 system
27343 system + scan
* 5567 camera

Optical Information

Host Unit	Viewing Angle	Magnifications		Working distance	Field of View at Max. Zoom	Field of View at Min. Zoom
		Direct	Angled View		Direct	Direct
Lynx®	Directly down and 34° from vertical	6-40X	4-28X	28mm	3.5mm	24mm
Cobra®	Directly down and 34° from vertical	12-80X (with multiply)	8-56X (with multiply)	28mm	1.75mm	9.75mm

Vision ENGINEERING

Distributor

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